



MEMC 02-0051(3032.1)  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Henry F. Erk, et al.  
Serial No. 10/665,982  
Filed September 18, 2003  
Confirmation No. 5374  
For PROCESS FOR ETCHING SILICON WAFERS

Art Unit 1763

January 21, 2004

COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VIRGINIA 22313-1450

SIR:

**INFORMATION DISCLOSURE STATEMENT**

\* In accordance with 37 C.F.R. 1.97 and 1.98 and MPEP 609, and in compliance with the duty of disclosure set forth in 37 C.F.R. 1.56, applicants submit the attached PTO/SB/08A for consideration by the Patent and Trademark Office in the above-entitled application and to be made of record therein.

In accordance with the Pre-OG notice of July 11, 2003 partially waiving the requirements of 37 C.F.R. 1.98(a)(2)(i), copies of the U.S. patent documents are not supplied. Applicants submit herewith a copy of a foreign patent document (Cite No. 22) and a literature reference (Cite No. 23). In accordance with 37 C.F.R. §1.98(a) and MPEP 609, an English language translation of Cite No. 22 is being provided. Thus, a concise explanation of the relevance of this reference is not being provided.

This Information Disclosure Statement is being submitted pursuant to 37 C.F.R. §1.97(b) in that applicants believe that it is being filed prior to the mailing date of the first Office action on the merits. Accordingly, neither a statement nor fee

MEMC 02-0051(3032.1)  
PATENT

under 37 C.F.R. §1.97(c) or (d) is required. However, if applicants are mistaken and an Office Action was issued prior to the date of mailing of this Statement, the Commissioner is hereby authorized to charge any fees incurred regarding this Information Disclosure Statement to Account No. 19-1345.

Respectfully submitted,



---

Andrew C. Wegman, Reg. No. 54,530  
SENNIGER, POWERS, LEAVITT & ROEDEL  
One Metropolitan Square, 16th Floor  
St. Louis, Missouri 63102  
(314) 231-5400

ACW/dfw

\*Attachment

Express Mail Label No. EV 416449212 US

<b>PTO/SB/08A</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/665,982		
		Filing Date	September 18, 2003		
		Confirmation Number	5374		
		First Named Inventor	Henry Erk		
		Group Art Unit	1763		
		Examiner Name	Not Yet Assigned		
Sheet	1	of	2	Attorney Docket No.	MEMC 02-0051(3032.1)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
	1.	2,902,419		J.I. Carasso et al.	09-01-1959
	2.	4,056,413		Masayoshi Yoshimura	11-01-1977
	3.	4,781,853		Robert K. Lowry et al.	11-01-1988
	4.	4,859,280		Robert K. Lowry et al.	08-22-1989
	5.	5,756,399		Hirofumi Hajime et al.	05-26-1998
	6.	5,804,090		Yasukazu Iwasaki et al.	09-08-1998
	7.	5,849,636		Takamitsu Harada et al.	12-15-1998
	8.	5,866,266		Atsunori Takasu	02-02-1999
	9.	5,891,353		Hisashi Masumura et al.	04-06-1999
	10.	5,963,871		Ying Zhinong et al.	10-05-1999
	11.	5,972,236		Hiroshi Tanaka et al.	10-26-1999
	12.	5,976,983		Seiichi Miyazaki et al.	11-02-1999
	13.	6,043,156		Fumitaka Kai et al.	03-28-2000
	14.	6,099,748		Shigeyoshi Netsu et al.	08-08-2000
	15.	6,110,839		Masami Nakano et al.	08-29-2000
	16.	6,319,845	B1	Isao Uchiyama et al.	11-20-2001
	17.	6,346,485	B1	Takashi Nihonmatsu et al.	02-12-2002

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	10/665,982
				Filing Date	September 18, 2003
				Confirmation Number	5374
				First Named Inventor	Henry Erk
				Group Art Unit	1763
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket No.	MEMC 02-0051(3032.1)

18.	6,355,121	B1	Susanne M. Opalka et al.	03-12-2002
19.	6,376,335	B1	David Zhang et al.	04-23-2002
20.	6,394,106	B1	Michael Jolley	05-28-2002
21.	6,432,837	B2	Takashi Nihonmatsu et al.	08-13-2002

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)			
	22.	PCT	WO 02/35593	A1	Shin-Etsu Handotai Co., Ltd.	05-02-2002	√

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
	23.	PALIK, E.D. and GLEMBOCKI, O.J., "Etching roughness for (100) silicon surfaces in aqueous KOH", J. Appl. Phys., 70 (6), 15 Sept. 1991, 3291-3300	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.